Assignment 2

1. Difference between npm and npx.

Npm is Node package manager which provides a way to install packages. It is CLI tool to install package and manage their versions and dependencies.

Npx is also a CLI tool to install and manage dependencies in npm registry.

1. How to change default application port?

To alter the port number, set an environment variable “PORT” to a desired number.

1. Explain the execution flow in react.

All the React component’s lifecycle method can be split into 4 phases:

* Initialization- Define default and initial value for this.props and this.state
* Mounting- Occurs when a component is being inserted into DOM.
* Updating- Occurs when a component’s state or property gets update.
* Unmounting- Occurs when the component is unmounted from the DOM.

1. What is strictmode in reactjs?

Strict Mode is a tool for highlighting potential problems in an application. It helps to identify components with unsafe lifecycles.

1. What are ReactJS Fragments?

React fragment helps in returning multiple elements from a component. It is represented as <>. It is mainly used to avoid the breaking of semantic in html.